

§ 35.30–25 Explosives—TB/ALL.

Fulminates or other detonating compounds in bulk in dry condition; explosive compositions that ignite spontaneously or undergo marked decomposition when subjected for forty-eight consecutive hours to a temperature of 167 °F. or more; composition containing an ammonium salt and a chlorate; and other like explosives shall not be accepted, stored, stowed or transported on board tank vessels.

§ 35.30–30 Portable electric equipment—TB/ALL.

Portable electric equipment must not be used in a hazardous location described in subpart 111.105 of this chapter except:

(a) Self-contained, battery-fed, explosion-proof lamps approved by Underwriters Laboratories Inc., Factory Mutual Research Corporation, or other independent laboratory recognized by the Commandant, for use in a Class I, Division 1 location for the electrical group classification of the cargo;

(b) Intrinsically safe equipment approved by Underwriters Laboratories Inc., Factory Mutual Research Corporation, or other independent laboratory recognized by the Commandant, for use in a Class I, Division 1 location for the electrical group classification of the cargo; and

(c) Any electrical equipment, if:

(1) The hazardous location is:

(i) Enclosed; and

(ii) Gas free;

(2) The adjacent compartments are:

(i) Gas free;

(ii) Inerted;

(iii) Filled with water;

(iv) Filled with Grade E liquid; or

(v) Spaces where flammable gases are not expected to accumulate; and:

(3) Each compartment where flammable gas is expected to accumulate is:

(i) Closed; and

(ii) Secured.

[CGD 74–125A, 47 FR 15230, Apr. 8, 1982]

§ 35.30–35 Spark producing devices—TB/ALL.

(a) Where Grades A, B, C, and D liquid cargoes are involved, power driven or manually operated spark producing devices shall not be used in bulk cargo

tanks, fuel oil tanks, cargo pump-rooms, or enclosed spaces immediately above or adjacent to bulk cargo tanks unless all the following conditions are met:

(1) The compartment itself is gas-free;

(2) The compartments adjacent and the compartments diagonally adjacent are either:

(i) Gas-free;

(ii) Inerted;

(iii) Filled with water;

(iv) Contain Grade E liquid and are closed and secured; or

(v) Are spaces in which flammable vapors and gases normally are not expected to accumulate; and,

(3) All other compartments of the vessel in which flammable vapors and gases may normally be expected to accumulate are closed and secured.

(b) This section does not prohibit the use of small hand tools in such locations.

[CGFR 65–50, 30 FR 16704, Dec. 30, 1965, as amended by USCG-2004–18884, 69 FR 58345, Sept. 30, 2004]

§ 35.30–40 Flammable liquid and gas fuels as ship's stores—TB/ALL.

Flammable liquids and gases other than diesel fuel, to be used as fuel for approved equipment must satisfy the following:

(a) Stowage must be in containers approved by DOT or A.S.M.E. for the contents carried, or in a portable safety container approved by a recognized testing laboratory for the contents carried.

(b) The contents must be marked on the containers, and the containers must be labeled in accordance with DOT requirements for flammable liquids and gases.

(c) Containers must be stowed on or above the weather deck in locations designated by the master. Containers specified in paragraph (a)(1) of this section which do not exceed a capacity of five gallons may be stowed below the weather deck in a paint or lamp locker.

[CGD 80–009, 48 FR 36459, Aug. 11, 1983, as amended by CGD 86–033, 53 FR 36024, Sept. 16, 1988; CGD 95–028, 62 FR 51199, Sept. 30, 1997]